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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/917,224	07/27/2001	Martin P. Klein	ASX-054C	9211

7590 03/07/2003

Patent Administrator
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EXAMINER

NGUYEN, KHIEM D

ART UNIT

PAPER NUMBER

2823

DATE MAILED: 03/07/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application N .

09/917,224

Applicant(s)

KLEIN ET AL

Examiner

Khiem D Nguyen

Art Unit

2823

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 16 December 2002.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☒ Claim(s) 10-17 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 27 July 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 7.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in-

(1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effect under this subsection of a national application published under section 122(b) only if the international application designating the United States was published under Article 21(2)(a) of such treaty in the English language; or

(2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that a patent shall not be deemed filed in the United States for the purposes of this subsection based on the filing of an international application filed under the treaty defined in section 351(a).

2. Claims 1-9 are rejected under 35 U.S.C. 102(e) as being anticipated by Felsenthal et al. (U.S. Patent 6,217,272).

Felsenthal teaches a method of processing substrates comprising (See col. 3, line 25 to col. 4, line 15 and col. 4, line 50 to col. 6, line 66 and FIGS. 1-4J),

providing a first batch of substrates 14 onto a first substrate processing pallet 15 (See col. 4, lines 50-56 and FIG. 2),

engaging a first transport positioning feature of said first substrate pallet with a first transport alignment feature of a first transport mechanism 40 to particularly position the first substrate processing pallet with respect to the first transport mechanism (See FIG. 2),

transporting, with the first transport mechanism, said first batch of substrates 14a on said first substrate processing pallet to a first process chamber 26 adapted to perform a first processing operation and engaging a first processing alignment feature of the first substrate processing pallet with a first chamber alignment feature located within said first

chamber to particularly position said first substrate processing pallet with respect to the first process chamber and performing the first processing operation on the first substrate in the process chamber (See col. 6, lines 4-33 and FIG. 4a).

the method further comprising,

engaging a second transport positioning feature to the first substrate pallet with a second transport alignment feature of the second transport mechanism to particularly position the first substrate processing pallet with respect to the second transport mechanism 44 (See FIG. 2).

transporting, with a second transport mechanism the first batch of substrates on the first substrate processing pallet to a second process chamber 42 adapted to perform a second processing operation and performing the second processing operation on the first batch of substrates in the second process chamber and at the same time providing a second batch of substrates onto a second substrate pallet then transporting the second substrate pallet into the first process chamber and performing the first processing operation on the second batch of substrate substantially concurrently with the step of performing the second processing operation on the first batch of substrate and the method further comprising,

providing a third batch of substrates onto a third substrate processing pallet. (See col. 3, line 25 to col. 4, line 6 and FIGS. 1 and 2).

Allowable Subject Matter

Claims 10-17 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Response to Amendment

Response to Applicant's Arguments

Applicant's arguments filed 12-16-2002 have been fully considered but they are not persuasive.

In response to Applicant's argument that Felsenthal does not teach engaging a transport positioning feature of a substrate pallet with a transport alignment feature of a transport mechanism, and engaging a processes alignment feature of the substrate pallet with a process chamber alignment feature located within the process chamber, as recited by claim 1, Felsenthal discloses engaging a transport positioning feature 52 of a substrate pallet 15 with a transport alignment feature 41 of a transport mechanism 40 (FIG. 2 and related text), and engaging a processes alignment feature 34 of the substrate pallet with a process chamber alignment 30, 32 located within the process chamber 26 (FIG. 1 and related text). Since Felsenthal discloses all of the limitations as recited in present claims 1-9, Felsenthal anticipates claims 1-9.

Conclusion

- I. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within

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TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khiem D Nguyen whose telephone number is (703) 306-0210. The examiner can normally be reached on Monday-Friday (8:00 AM - 5:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chaudhuri Olik can be reached on (703) 306-2794. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 746-9179 for regular communications and (703) 746-9179 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

K.N.
February 27, 2003


George Fourson
Primary Examiner
2823